

# Fig. 1

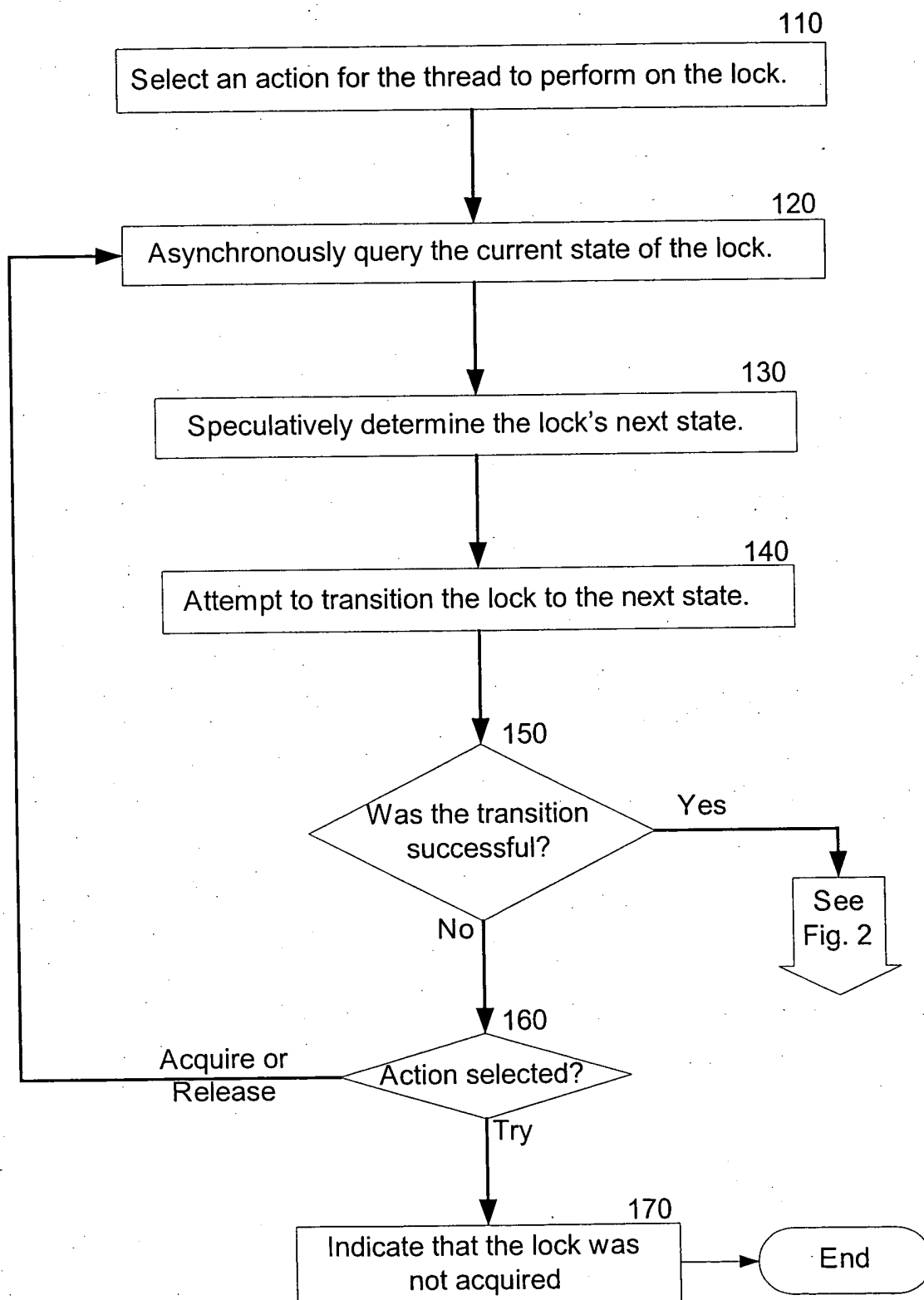


Fig. 2

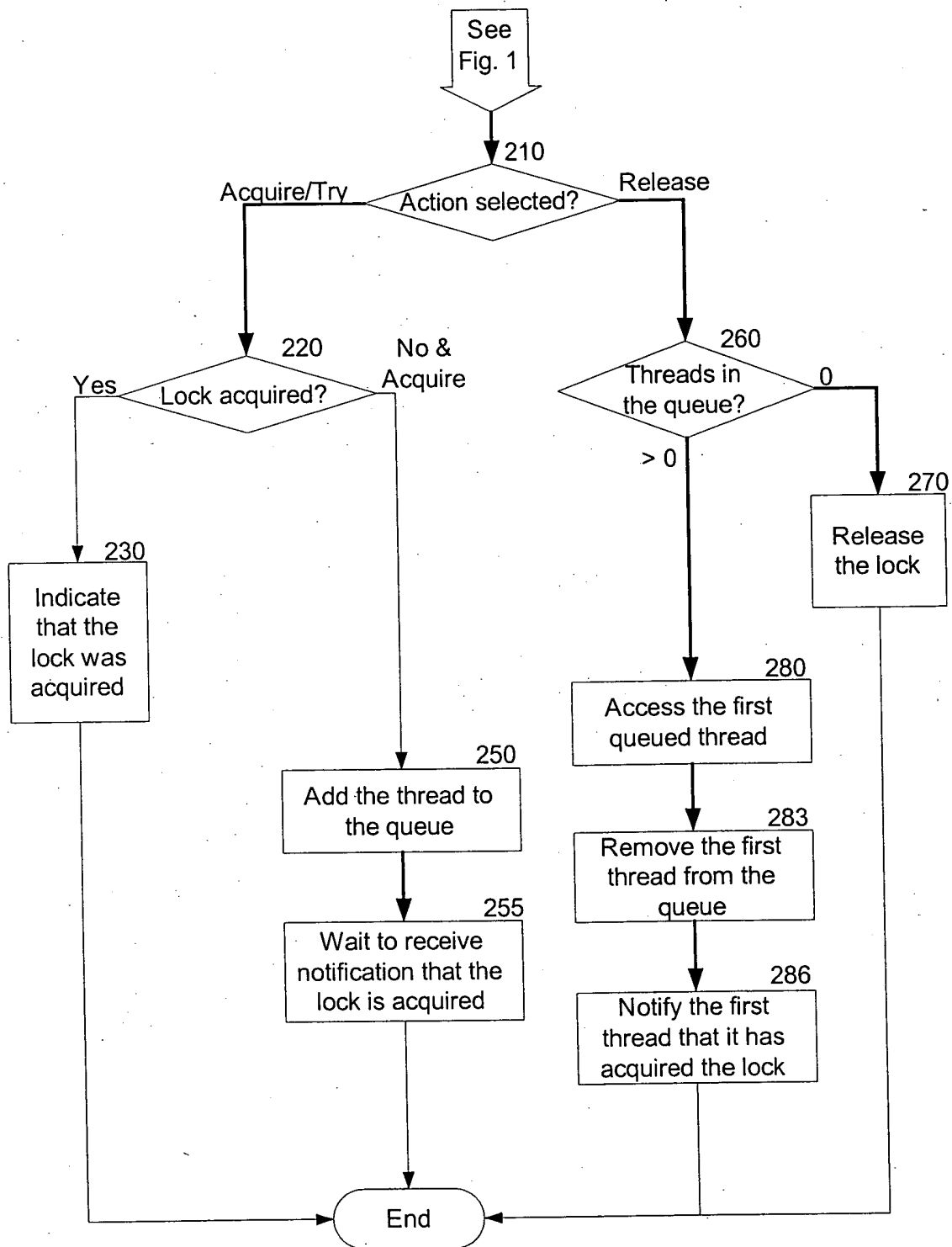


Fig. 3

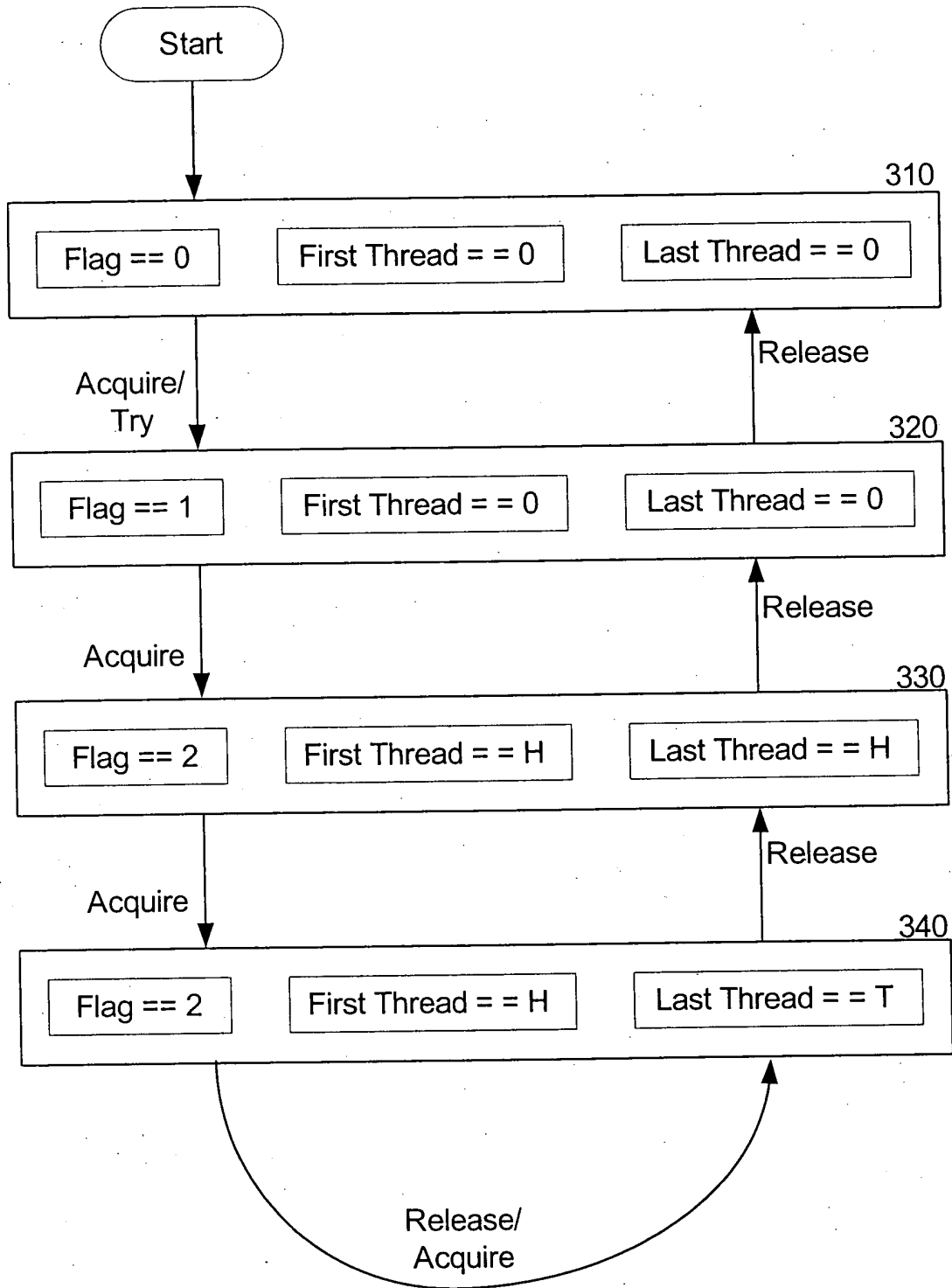


Fig. 4

	State			Meaning
	Flag	First Thread	Last Thread	
410	0	0	0	No thread holds the lock. No thread is in the queue to acquire the lock.
420	1	0	0	The lock is held. No thread is in the queue to acquire the lock.
430	2	H	H	The lock is held. One thread is in the queue to acquire the lock. "H" is an identifier to one thread in the queue.
440	2	H	T	The lock is held. At least two threads are in the queue to acquire the lock. "H" is an identifier to first thread in the queue (a.k.a. the "head" thread). "T" is an identifier to last thread in the queue (a.k.a. the "tail" thread).

Fig. 5

